

BIKE PATH ALIGNMENT TIES TO IL. ROUTE 29

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	84-12; 11-3	•	729	80
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				
• SANGAMON AND CHRISTIAN				

PROP. B BIKE PATH EMBANKMENT
 CURVE-15 DATA
 2091 PI STA. = 61+28.07
 $\Delta = 7^{\circ} 14' 31''$ (RT)
 D = 11° 27' 40"
 R = 499.92'
 T = 31.64'
 L = 63.19'
 E = 1.00'
 2090 P.C. STA. = 60+96.44
 2092 P.T. STA. = 61+59.62

CURVE-15

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2090	PRC Sta 60+96.44	1103777.996	2500406.126	59+99.98, 113.38' LT.
2091	PI Sta 61+28.07	1103791.461	2500377.498	60+31.23, 116.66' LT.
2092	PT Sta 61+59.62	1103808.427	2500350.796	60+62.63, 116.00' LT.

PROP. B BIKE PATH EMBANKMENT
 CURVE-22 DATA
 2110 PI STA. = 73+43.18
 $\Delta = 1^{\circ} 44' 11''$ (RT)
 D = 5° 43' 46"
 R = 1,000.00'
 T = 15.15'
 L = 30.31'
 E = 0.11'
 2109 P.C. STA. = 73+28.02
 2111 P.R.C. STA. = 73+58.33

CURVE-22

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2109	PC Sta 73+28.02	1104456.958	2499379.264	72+23.03, 107.89' LT.
2110	PI Sta 73+43.18	1104465.676	2499366.867	72+38.09, 107.96' LT.
2111	PRC Sta 73+58.33	1104474.764	2499354.741	72+53.14, 107.59' LT.

PROP. B BIKE PATH EMBANKMENT
 CURVE-16 DATA
 2094 PI STA. = 63+98.58
 $\Delta = 0^{\circ} 54' 13''$ (RT)
 D = 0° 34' 23"
 R = 10,000.00'
 T = 78.85'
 L = 157.70'
 E = 0.31'
 2093 P.C. STA. = 63+19.73
 2095 P.T. STA. = 64+77.43

CURVE-16

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2093	PC Sta 63+19.73	1103894.292	2500215.659	62+21.61, 113.62' LT.
2094	PI Sta 63+98.58	1103936.578	2500149.108	62+99.92, 113.01' LT.
2095	PT Sta 64+77.43	1103979.909	2500083.232	63+78.22, 111.54' LT.

PROP. B BIKE PATH EMBANKMENT
 CURVE-23 DATA
 2112 PI STA. = 73+72.15
 $\Delta = 1^{\circ} 35' 01''$ (LT)
 D = 5° 43' 46"
 R = 1,000.00'
 T = 13.82'
 L = 27.64'
 E = 0.10'
 2111 P.R.C. STA. = 73+58.33
 2113 P.T. STA. = 73+85.97

CURVE-23

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2111	PRC Sta 73+58.33	1104474.764	2499354.741	72+53.14, 107.59' LT.
2112	PI Sta 73+72.15	1104483.053	2499343.682	72+66.87, 107.26' LT.
2113	PT Sta 73+85.97	1104491.033	2499332.398	72+80.60, 107.32' LT.

PROP. B BIKE PATH EMBANKMENT
 CURVE-17 DATA
 2097 PI STA. = 66+52.80
 $\Delta = 0^{\circ} 50' 47''$ (RT)
 D = 1° 08' 45"
 R = 5,000.00'
 T = 36.93'
 L = 73.85'
 E = 0.14'
 2096 P.C. STA. = 66+15.87
 2098 P.T. STA. = 66+89.72

CURVE-17

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2096	PC Sta 66+15.87	1104055.987	2499967.569	65+15.72, 109.87' LT.
2097	PI Sta 66+52.80	1104076.280	2499936.718	65+52.40, 109.62' LT.
2098	PT Sta 66+89.72	1104097.026	2499906.169	65+89.08, 108.90' LT.

PROP. B BIKE PATH EMBANKMENT
 CURVE-24 DATA
 2115 PI STA. = 76+38.35
 $\Delta = 3^{\circ} 13' 30''$ (RT)
 D = 5° 43' 46"
 R = 1,000.00'
 T = 28.15'
 L = 56.29'
 E = 0.40'
 2114 P.C. STA. = 76+10.20
 2116 P.R.C. STA. = 76+66.49

CURVE-24

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2114	PC Sta 76+10.20	1104620.504	2499149.322	75+04.25, 109.40' LT.
2115	PI Sta 76+38.35	1104636.758	2499126.338	75+32.40, 109.69' LT.
2116	PRC Sta 76+66.49	1104654.280	2499104.305	75+60.52, 108.40' L

PROP. B BIKE PATH EMBANKMENT
 CURVE-18 DATA
 2100 PI STA. = 69+19.65
 $\Delta = 3^{\circ} 06' 17''$ (RT)
 D = 5° 43' 46"
 R = 1,000.00'
 T = 27.10'
 L = 54.19'
 E = 0.37'
 2099 P.C. STA. = 68+92.55
 2101 P.R.C. STA. = 69+46.74

CURVE-18

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2099	PC Sta 68+92.55	1104210.980	2499738.374	67+90.57, 106.46' LT.
2100	PI Sta 69+19.65	1104226.205	2499715.956	68+17.50, 106.32' LT.
2101	PRC Sta 69+46.74	1104242.622	2499694.395	68+44.38, 104.76' LT.

PROP. B BIKE PATH EMBANKMENT
 CURVE-25 DATA
 2117 PI STA. = 76+86.95
 $\Delta = 2^{\circ} 20' 42''$ (LT)
 D = 5° 43' 46"
 R = 1,000.00'
 T = 20.47'
 L = 40.93'
 E = 0.21'
 2116 P.R.C. STA. = 76+66.49
 2118 P.T. STA. = 77+07.41

CURVE-25

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2116	PRC Sta 76+66.49	1104654.280	2499104.305	75+60.52, 108.40' LT
2117	PI Sta 76+86.95	1104667.018	2499088.286	75+80.96, 107.46' LT.
2118	PT Sta 77+07.41	1104679.091	2499071.760	76+01.43, 107.35' LT.

PROP. B BIKE PATH EMBANKMENT
 CURVE-19 DATA
 2102 PI STA. = 69+70.10
 $\Delta = 2^{\circ} 40' 34''$ (LT)
 D = 5° 43' 46"
 R = 1,000.00'
 T = 23.36'
 L = 46.71'
 E = 0.27'
 2101 P.R.C. STA. = 69+46.74
 2103 P.T. STA. = 69+93.45

CURVE-19

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2101	PRC Sta 69+46.74	1104242.622	2499694.395	68+44.38, 104.76' LT.
2102	PI Sta 69+70.10	1104256.772	2499675.810	68+67.55, 103.45' LT.
2103	PT Sta 69+93.45	1104270.039	2499656.585	68+90.76, 103.27' LT.

PROP. B BIKE PATH EMBANKMENT
 CURVE-26 DATA
 2120 PI STA. = 79+48.81
 $\Delta = 1^{\circ} 10' 38''$ (LT)
 D = 1° 08' 45"
 R = 5,000.00'
 T = 51.37'
 L = 102.74'
 E = 0.26'
 2119 P.C. STA. = 78+97.44
 2121 P.T. STA. = 80+00.18

CURVE-26

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2119	PC Sta 78+97.44	1104791.181	2498918.315	77+91.45, 106.39' LT.
2120	PI Sta 79+48.81	1104821.485	2498876.831	78+42.82, 106.13' LT.
2121	PT Sta 80+00.18	1104850.930	2498834.734	78+94.19, 106.93' LT.

PROP. B BIKE PATH EMBANKMENT
 CURVE-20 DATA
 2105 PI STA. = 71+22.73
 $\Delta = 5^{\circ} 37' 29''$ (LT)
 D = 11° 27' 33"
 R = 500.00'
 T = 24.56'
 L = 49.09'
 E = 0.60'
 2104 P.C. STA. = 70+98.17
 2106 P.R.C. STA. = 71+47.25

CURVE-20

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2104	PC Sta 70+98.17	1104329.519	2499570.397	69+94.83, 102.84' LT.
2105	PI Sta 71+22.73	1104343.470	2499550.181	70+19.24, 102.83' LT.
2106	PRC Sta 71+47.25	1104355.372	2499528.696	70+43.53, 105.27' LT.

PROP. B BIKE PATH EMBANKMENT
 CURVE-27 DATA
 2123 PI STA. = 83+01.52
 $\Delta = 0^{\circ} 27' 34''$ (RT)
 D = 0° 34' 23"
 R = 10,000.00'
 T = 40.11'
 L = 80.21'
 E = 0.08'
 2122 P.C. STA. = 82+61.41
 2124 P.T. STA. = 83+41.62

CURVE-27

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2122	PC Sta 82+61.41	1105000.654	2498620.672	81+55.39, 110.98' LT.
2123	PI Sta 83+01.52	1105023.641	2498587.807	81+95.49, 111.60' LT.
2124	PT Sta 83+41.62	1105046.891	2498555.128	82+35.59, 111.90' LT.

PROP. B BIKE PATH EMBANKMENT
 CURVE-21 DATA
 2107 PI STA. = 71+74.02
 $\Delta = 6^{\circ} 07' 47''$ (RT)
 D = 11° 27' 33"
 R = 500.00'
 T = 26.77'
 L = 53.49'
 E = 0.72'
 2106 P.R.C. STA. = 71+47.25
 2108 P.T. STA. = 72+00.75

CURVE-21

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2106	PRC Sta 71+47.25	1104355.372	2499528.696	70+43.53, 105.27' LT.
2107	PI Sta 71+74.02	1104368.346	2499505.277	70+69.99, 107.97' LT.
2108	PT Sta 72+00.75	1104383.745	2499483.378	70+96.59, 107.85' LT.

PROP. B BIKE PATH EMBANKMENT
 CURVE-28 DATA
 2126 PI STA. = 86+99.05
 $\Delta = 2^{\circ} 16' 56''$ (RT)
 D = 5° 43' 46"
 R = 1,000.00'
 T = 19.92'
 L = 39.83'
 E = 0.20'
 2125 P.C. STA. = 86+79.13
 2127 P.R.C. STA. = 87+18.96

CURVE-28

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2125	PC Sta 86+79.13	1105242.547	2498280.120	85+73.09, 114.42' LT.
2126	PI Sta 86+99.05	1105254.095	2498263.889	85+93.01, 114.57' LT.
2127	PRC Sta 87+18.96	1105266.279	2498248.131	86+12.92, 113.93' LT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REFERENCE TIES BIKE PATH & COORDINATE DATA

SCALE: N.T.S.
 DATE: 03/06/2012

DRAWN BY: R.A.H.
 CHECKED BY: J.M.M.